

021004  
13281  
U.S. PTO  
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10 February 2004

INTELLECTUAL PROPERTY LAW

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19270 U.S. PTO  
10/774592  
021004

**Mail Stop: Patent Application**

Commissioner for Patents  
Alexandria, VA 22313-1450

Attorney Docket: P56959

Sir:

Submitted herewith is the following patent application:

**Inventor:** 1) IL-SEUK CHAE

**Title:** METHOD FOR AUTOMATICALLY TRACING INTERFACE  
FOR EXCHANGE AND ACCESS NETWORK

Please find attached hereto an application for patent which includes: Specification and Abstract, Claims, original Declaration And Power of Attorney, Assignment, and a certified copy of the foreign priority document identified below:

Verified Showing of Small Entity Status: NO

Drawings: Formal drawings, 11 sheets, Figures 1 through 5

Claim of priority under 35 U.S.C. §119: YES

\*\* The Republic Of Korea Application No. 2003-9913 filed on 17 February 2003.

**FEE (see formula below): CHECKS ARE ENCLOSED (#\*\*\*\*\* & #\*\*\*\*\*)**

Basic Fee \$385/770 ..... \$770.00

**Additional Fees:**

Total number of claims in excess of 20: \_\_\_\_ times \$9/18 ..... \$0.00

Number of independent claims in excess of 3: 1 times \$43/86 ..... \$86.00

Multiple Dependent Claims \$145/290 ..... \$0.00

An Assignment is likewise enclosed: Recording Fee \$40 .. \$40.00

Filing Non-English specification ..... \$0.00

**TOTAL FEES FOR THE ABOVE APPLICATION ..... \$896.00**

Commissioner for Patents  
10 February 2004  
Page Two

Docket No.: P56959

**Inventor:** 1) IL-SEUK CHAE

**Title:** METHOD FOR AUTOMATICALLY TRACING INTERFACE  
FOR EXCHANGE AND ACCESS NETWORK


Assistant Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the filing fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

Robert E. Bushnell  
1522 K Street, N.W.  
Suite 300  
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Respectfully submitted,

  
\_\_\_\_\_  
Robert E. Bushnell  
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REB/sb

10281

U.S. PATENT

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL**

Patent fees are subject to annual revision.

**Complete If Known**

Application Number	To be Assigned
Filing Date	10 February 2004
First Named Inventor	IL-SEUK CHAE
Examiner Name	To be Assigned
Group/Art Unit	To be Assigned

TOTAL AMOUNT OF PAYMENT **(\$ 896.00)**Attorney Docket No. **P56959****METHOD OF PAYMENT (check one)****FEE CALCULATION (continued)**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

**3. ADDITIONAL FEES**Deposit Account Number: **02-4943**  
Deposit Account Number: \_\_\_\_\_

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge-late filing fee or oath	\$
1052	50	2052	25	Surcharge-late provisional filing fee or cover sheet	\$
1053	130	1053	130	Non-English specification	\$
1812	2,520	1812	2,520	For filing a request for reexamination	\$
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	\$
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	\$
1251	110	2251	55	Extension for reply within first month	\$
1252	420	2252	210	Extension for reply within second month	\$
1253	950	2253	475	Extension for reply within third month	\$
1254	1,480	2254	740	Extension for reply within fourth month	\$
1255	2,010	2255	1,005	Extension for reply within fifth month	\$
1401	330	2401	165	Notice of Appeal	\$
1402	330	2402	165	Filing a brief in support of an appeal	\$
1403	290	2403	145	Request for oral hearing	\$
1451	1,510	1451	1,510	Petition to institute a public use proceeding	\$
1452	110	2452	55	Petition to revive - unavoidable	\$
1453	1,330	2453	665	Petition to revive - unintentional	\$
1501	1,330	2501	665	Utility issue fee (or reissue)	\$
1502	480	2502	240	Design issue fee	\$
1503	640	2503	320	Plant issue fee	\$
1460	130	1460	130	Petitions to the Commissioner	\$
1807	50	1807	50	Processing fee for provisional applications	\$
1806	180	1806	180	Submission of Information Disclosure Statement	\$
8021	40	8021	40	Recording each patent assignment per property (Times number of properties)	\$40.00
1809	770	2809	385	Filing a submission after final rejection (37 C.F.R. §1.129(a))	\$
1810	770	2810	385	For each additional invention to be examined (37 C.F.R. §1.129(b))	\$
1801	770	2801	385	Request for Continued Examination (RCE)	\$
Other Fee (specify) _____					\$
Other Fee (specify) _____					\$

- ☐ Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17.

- ☐ Applicant claims small entity status. See 37 CFR 1.27

**2. Payment Enclosed:**  
**(CHECK #45290 & #45291)**

- ☒ Check ☐ Credit Card ☐ Money Order ☐ Other

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	\$770.00
1002	340	2002	170	Design filing fee	\$
1003	530	2003	265	Plant filing fee	\$
1004	770	2004	385	Reissue filing fee	\$
1005	160	2005	80	Provisional filing fee	\$

**SUBTOTAL (1) (\$ 770.00)****2. EXTRA CLAIM FEES**

			Extra Claims	Fee from below	Fee Paid
Total claims	20	-20** =	x	=	
Independent Claims	4	-3** =	1	x \$86.00	= \$86.00

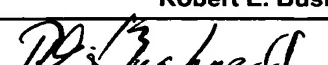
Multiple Dependent

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\*\* or number previously paid, if greater; For Reissues, see below

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1201	86	2201	43	Independent claims in excess of 3	
1202	18	2202	9	Claims in excess of 20	
1203	290	2203	145	Multiple dependent claim, if not paid	
1204	86	2204	43	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	

**SUBTOTAL (2) (\$ 86.00)****\*\* Reduced by Basic Filing Fee Paid****SUBTOTAL (3) \$40.00****SUBMITTED BY****Complete (if applicable)**

Typed or Printed Name	Robert E. Bushn II, Esq.		Reg. Number	27,774	
Signature		Date	10 February 2004	Deposit Account User ID	

REB/sb

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